

PTO/SB/08A (08-03)

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Substitute for form 1448A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known	
				Application Number	10/820,423
				Filing Date	April 8, 2004
				First Named Inventor	Andrew S. Goldsborough
				Art Unit	1637
				Examiner Name	Joyce Tung
Sheet	1	of	1	Attorney Docket Number	CGS-101TD1

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code* (if known)			
	U1	US-			
	U2	US-			
	U3	US-			
	U4	US-			
	U5	US-			
	U6	US-			
	U7	US-			

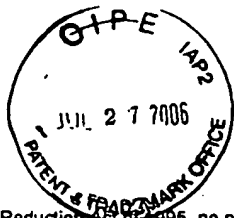
FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code ³	- Number ⁴ - Kind Code ⁵ (if known)			
J.T	F1	WO 2000/066605		11-09-2000	Cyclops Genome Sciences Limited	All
	F2					
	F3					
	F4					
	F5					
	F6					

Examiner Signature	<i>Joyce Tung</i>	Date Considered	10/10/06
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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Complete if Known		
			Application Number	10/820,423	
			Filing Date	April 8, 2004	
			First Named Inventor	Andrew S. Goldsborough	
			Art Unit	1637	
			Examiner Name	Joyce Tung	
Sheet	1	of	2	Attorney Docket Number	CGS-101TD1

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number - Kind Code* (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
J.T	U1	US-6,867,290	03-15-2005	Goldsborough	All
	U2	US-6,794,140	09-21-2004	Goldsborough	All
	U3	US-2006-0147918	07-06-2006	Goldsborough	All
	U4	US-2005-0272679	12-08-2005	Goldsborough	All
	U5	US-			
	U6	US-			
	U7	US-			

FOREIGN PATENT DOCUMENTS						
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		Country Code ³	Number ⁴ - Kind Code* (if known)			
J.T	F1		WO 2000/075302	12-14-2000	Cyclops Genome Sciences Limited	All
" "	F2		WO 2000/075306	12-14-2000	Cyclops Genome Sciences Limited	All
" "	F3		WO 2000/06605	11-09-2000	Cyclops Genome Sciences Limited	All
" "	F4		WO 2001/094626	12-13-2001	Cyclops Genome Sciences Limited	All
J.T	F5		WO 2005/012522	02-10-2005	Cyclops Genome Sciences Limited	All
	F6					

Examiner Signature	<i>Joyce Tung</i>	Date Considered	10/03/06
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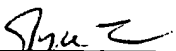
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				Application Number	10/820,423
				Filing Date	April 8, 2004
				First Named Inventor	Andrew S. Goldsborough
				Group Art Unit	1637
				Examiner Name	Joyce Tung
				Attorney Docket Number	CGS-101TD1
Sheet	2	of	2		

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article, (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
J.T	R1	U.S. Patent Application Serial No. 10/565,694, filed January 23, 2006, claims only.	
	R2		
	R3		
	R4		
	R5		
	R6		
	R7		
	R8		
	R9		
	R10		
	R11		
	R12		

Examiner Signature		Date Considered	10/06/06
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¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Form 1449 (Modified)	Atty Docket No. US2Goldsborough
Information Disclosure Statement By Applicant	Application No.:
	Inventor Andrew S. Goldsborough
	Group
	Filing Date

U.S. Patent Documents


Examiner Initial	No.	Patent No.	Date	Patentee	Class	Sub-Class	Filing Date
J. W.	A	5,707,796	1/13/98	Gold et al.	—	—	—
	B	5,426,180	6/20/95	Kool	—	—	—
	C	5,872,232	2/16/99	Cook et al.	—	—	—
	D	5,859,221	1/12/99	Cook et al.	—	—	—
	E	5,681,726	10/28/97	Huse et al.	—	—	—
	F	5,783,425	7/19/98	Dudycz	—	—	—
J. W.	G	5,660,985	8/26/97	Kirschenheuter et al.	—	—	—

Foreign Patent or Published Foreign Patent Application

Examiner Initial	No.	Document No.	Publication Date	Country or Patent Office	Class	Sub-class	Translation	
							Yes	No
J. W.	H	99/55857	11/4/99	WO	—	—	✓	
	I	99/36517	7/22/99	WO		—		✓
	J	99/14346	3/25/99	WO			✓	
	K	92/03568	3/5/92	WO			✓	
	L	98/13526	4/2/98	WO			✓	

Other Documents

Examiner Initial	No.	Author, Title, Place (e.g. Journal) of Publication
J. W.	M	Heidenrich, Olaf et al., "Chemically Modified RNA: Approaches and Applications", The FASEB Journal, January 1993, Vol. 7
	N	Heidenrich, Olaf et al., "High Activity and Stability of Hammerhead Ribozymes Containing 2'-Modified Pyrimidine Nucleosides and Phosphorothioates", The Journal of Biological Chemistry, Vol. 269, No. 3, January 21, pp. 2131-2138, 1994.
J. W.	O	Aurup, Helle et al., "Translation of 2'-Modified mRNA <i>in vitro</i> and <i>in vivo</i> ", Nucleic Acids Research, 1994, Vol. 22, No. 23. pp.4963-4968.
J. W.	P	Xin, Wei et al., "Treatment of Duck Hepatitis B Virus by Antisense Poly-2'-O-(2,4-Dinitrophenyl)-Oligoribonucleotides", Bioenergetics Laboratory, Natural Sciences Center, State University of NY, Buffalo, July 1998
J. W.	Q	Iribarren, Adolfo M. et al., "2'-O-Alkyl Oligoribonucleotides as Antisense Probes", Proc. Natl. Acad. Sci., Vol. 87, pp 7747-7751, October 1990.

J.T	R	Inoue, Hideo et al, "Synthesis and Hybridization Studies on Two Complementary Nona(2'-O-methyl) Ribonucleotides", Faculty of Pharmaceutical Sciences, Hokkaido University, Sapporo 060, Japan, June 1987.
J.T	S	Scherr, Michaela et al., "Synthesis and Properties of Hammerhead Ribozymes Stabilized Against Nucleases by Different 2'-Modifications: Methoxyethoxy-, Fluoro- and Amino Groups", Bioorganic & Medicinal Chemistry Letters, Vol. 7, No. 13, pp. 1791-1796, 1997.
J.T	T	Lewis "Kits take the trickiness out of RNA isolation, purification" The Scientist 11(7):16 Mar. 31, 1997.
J.T	U	OVODOV, S.Y., "mRNA acetylated at 2'-OH-groups of ribose residues is functionally active in the cell-free translation system from wheat embryos", FEBS 270(1,2):111-114 (1990).
J.T	V	PAGRATIS, N.C. et al. "Potent 2'-amino-, and 2'-fluoro-2'-deoxyribonucleotide RNA inhibitors of keratinocyte growth factor", Nature Biotechnology 15(1): 68-73 (1997).
" "	W	SPROAT, B.S., "Chemistry and applications of oligonucleotide analogues", Journal of Biotechnology 41:221-238 (1995).
Examiner 		Date Considered 10/07/06

Examiner: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.